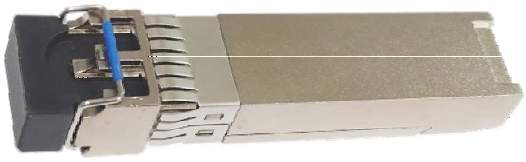
10 GB/s 1.4Km SFP+ 1310 nm Transceivers



The RTXM228-702 10Gigabit 1310nm FP Transceiver is designed to transmit and receive serial optical data links up from 2.1Gb/s to 10.52 Gb/s data rate over 1.4km singlemode fiber. The Transceiver is compliant with SFF-8432, FC-PI-4, IEEE802.3ae and applicable portions of SFF-8431. Digital diagnostics functions are available via a 2-wire serial interface, as specified in SFF-8472.

Features

- Link lengths at 10G 1.4Km with 1310nm
- LC duplex connector
- Low power consumption <1.0W
- -40 to 85 operating temperature range
- Single +3.3V±5% power supply
- Digital Monitoring SFF-8472 compliant

Applications

- CPRI rates 2.4576 Gb/s, 4.9152Gb/s, 6.144Gb/s,9.8304 Gb/s
- 2/4/8GFC Data Storage Channel

Standards

- IEEE 802.3ae
- SFF-8431 Rev 3.0
- SFF-8472 Rev 10.2
- FC-PI-4 Rev 7.0

Specifications

(tested under recommended operating conditions, unless otherwise noted)

Parameter	Symbol	Unit	Min	TypA		

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